

FIG. 1

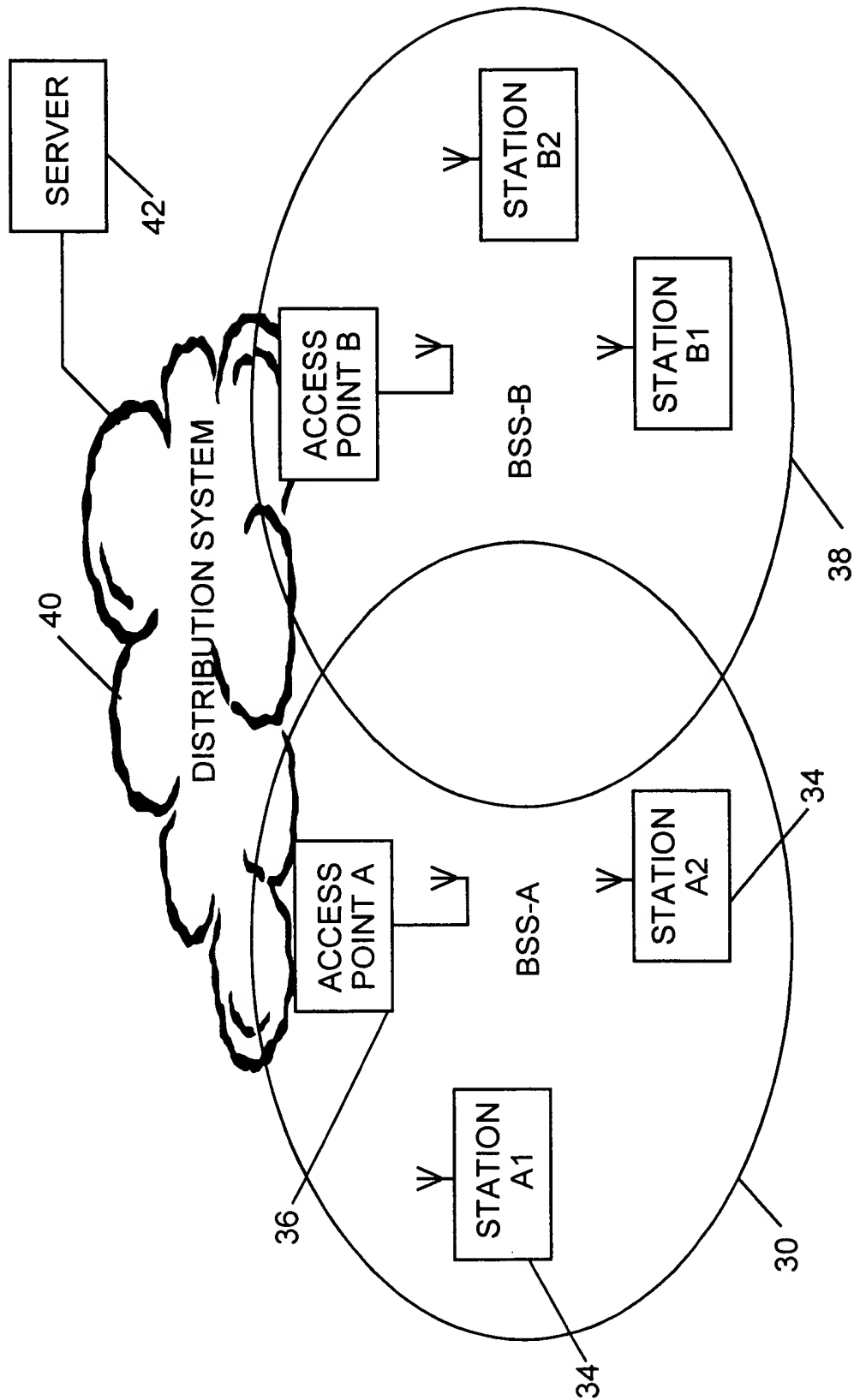


FIG. 2



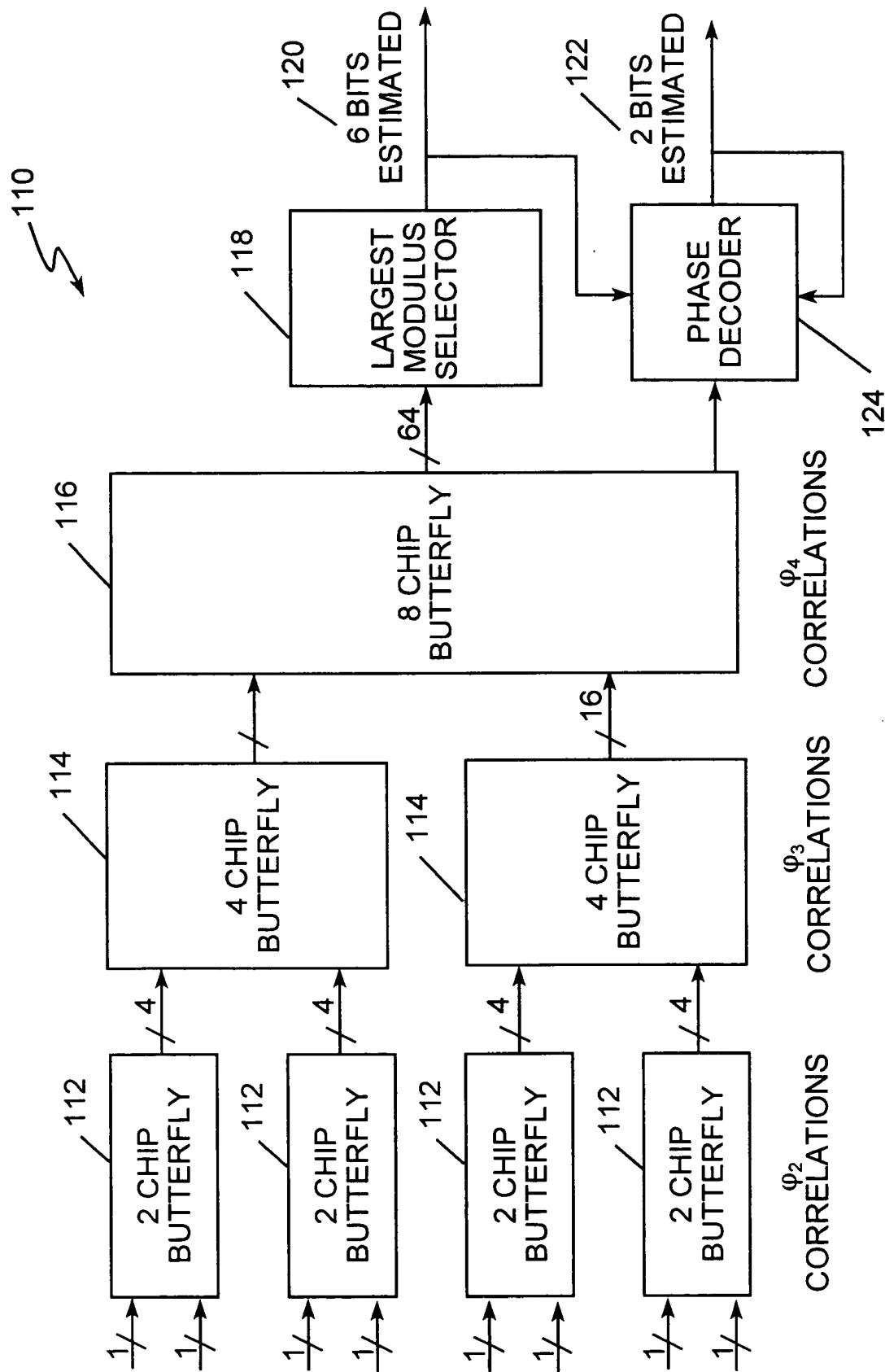


FIG. 4  
(PRIOR ART)

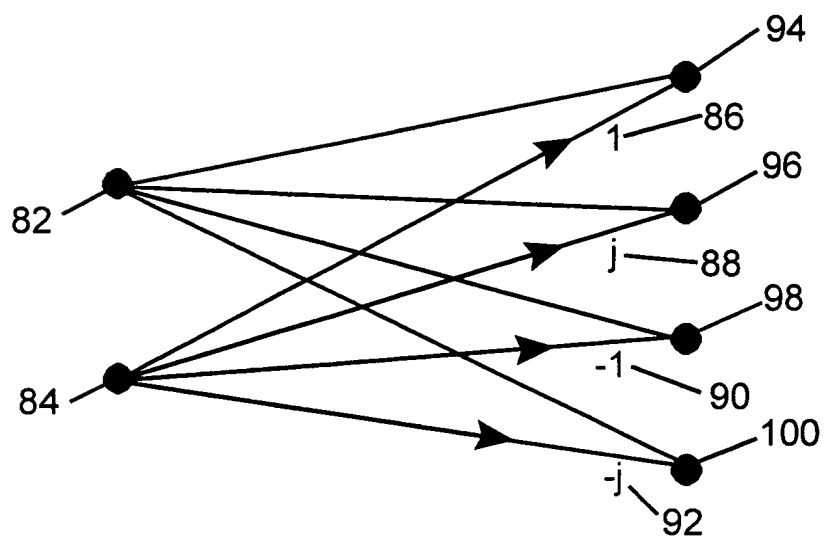


FIG. 5

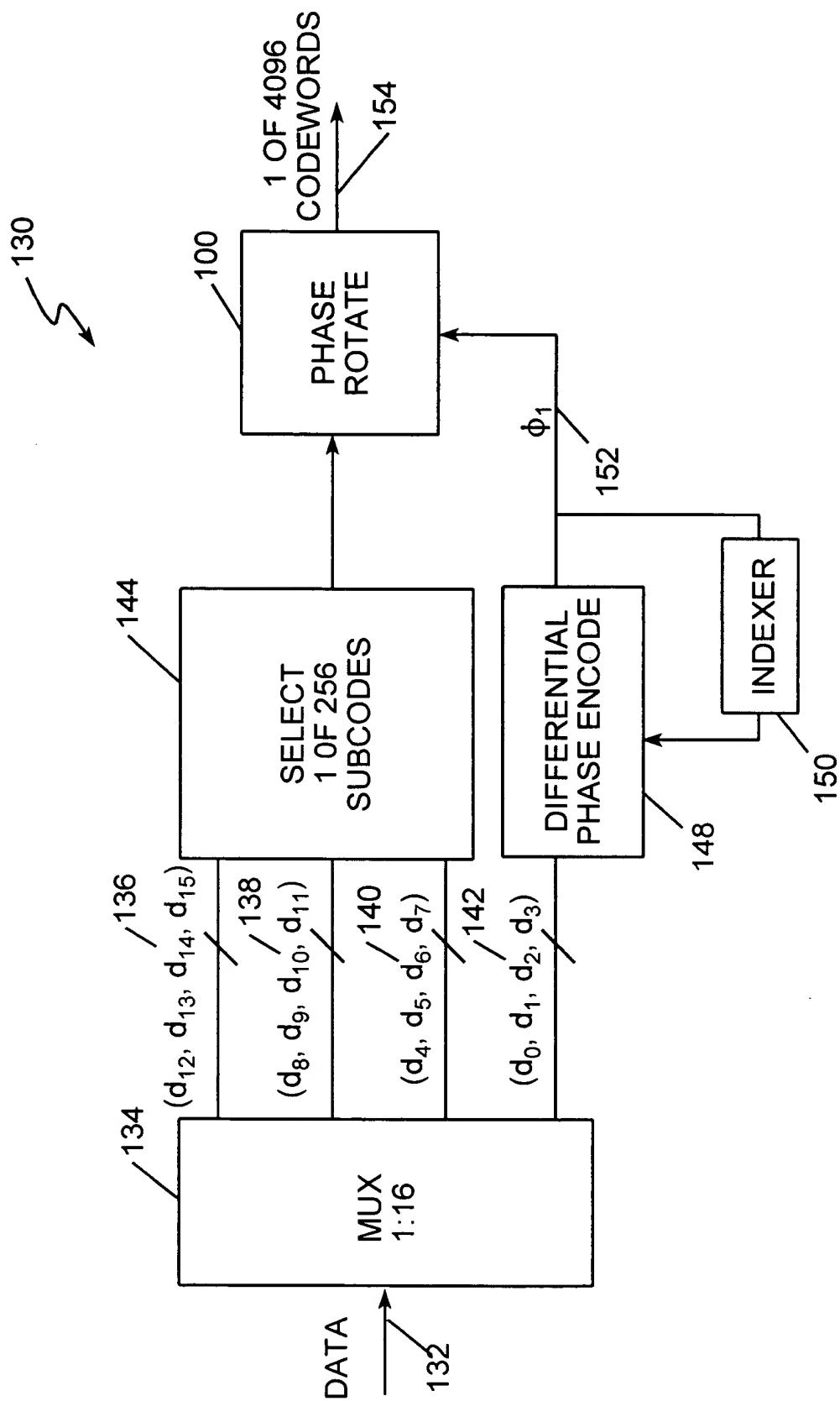


FIG. 6

$M_2 =$ 

$\exp(j\varphi_2)$	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0
0	0	$\exp(j\varphi_2)$	0	0	0	0	0
0	0	0	-1	0	0	0	0
0	0	0	0	$\exp(j\varphi_2)$	0	0	0
0	0	0	0	0	1	0	0
0	0	0	0	0	0	$-\exp(j\varphi_2)$	0
0	0	0	0	0	0	0	1

$M_3 =$ 

$\exp(j\varphi_3)$	0	0	0	0	0	0	0
0	$\exp(j\varphi_3)$	0	0	0	0	0	0
0	0	1	0	0	0	0	0
0	0	0	1	0	0	0	0
0	0	0	0	$\exp(j\varphi_3)$	0	0	0
0	0	0	0	0	$\exp(j\varphi_3)$	0	0
0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	1

$M_4 =$ 

$\exp(j\varphi_4)$	0	0	0	0	0	0	0
0	$\exp(j\varphi_4)$	0	0	0	0	0	0
0	0	$\exp(j\varphi_4)$	0	0	0	0	0
0	0	0	$\exp(j\varphi_4)$	0	0	0	0
0	0	0	0	1	0	0	0
0	0	0	0	0	1	0	0
0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	1

FIG. 7

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$$M_{2E} = \begin{bmatrix} \exp(j\phi_2 + \psi_2) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \exp(j\phi_2 + \psi_2) & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \exp(j\phi_2 + \psi_2) & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & -\exp(j\phi_2 + \psi_2) & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{bmatrix}$$

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$$M_{3E} = \begin{bmatrix} \exp(j\phi_3 + \psi_3) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \exp(j\phi_3 + \psi_3) & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & \exp(j\phi_3 + \psi_3) & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & \exp(j\phi_3 + \psi_3) & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{bmatrix}$$

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$$M_{4E} = \begin{bmatrix} \exp(j\phi_4 + \psi_4) & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & \exp(j\phi_4 + \psi_4) & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & \exp(j\phi_4 + \psi_4) & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & \exp(j\phi_4 + \psi_4) & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 \end{bmatrix}$$

FIG. 8



FIG. 9

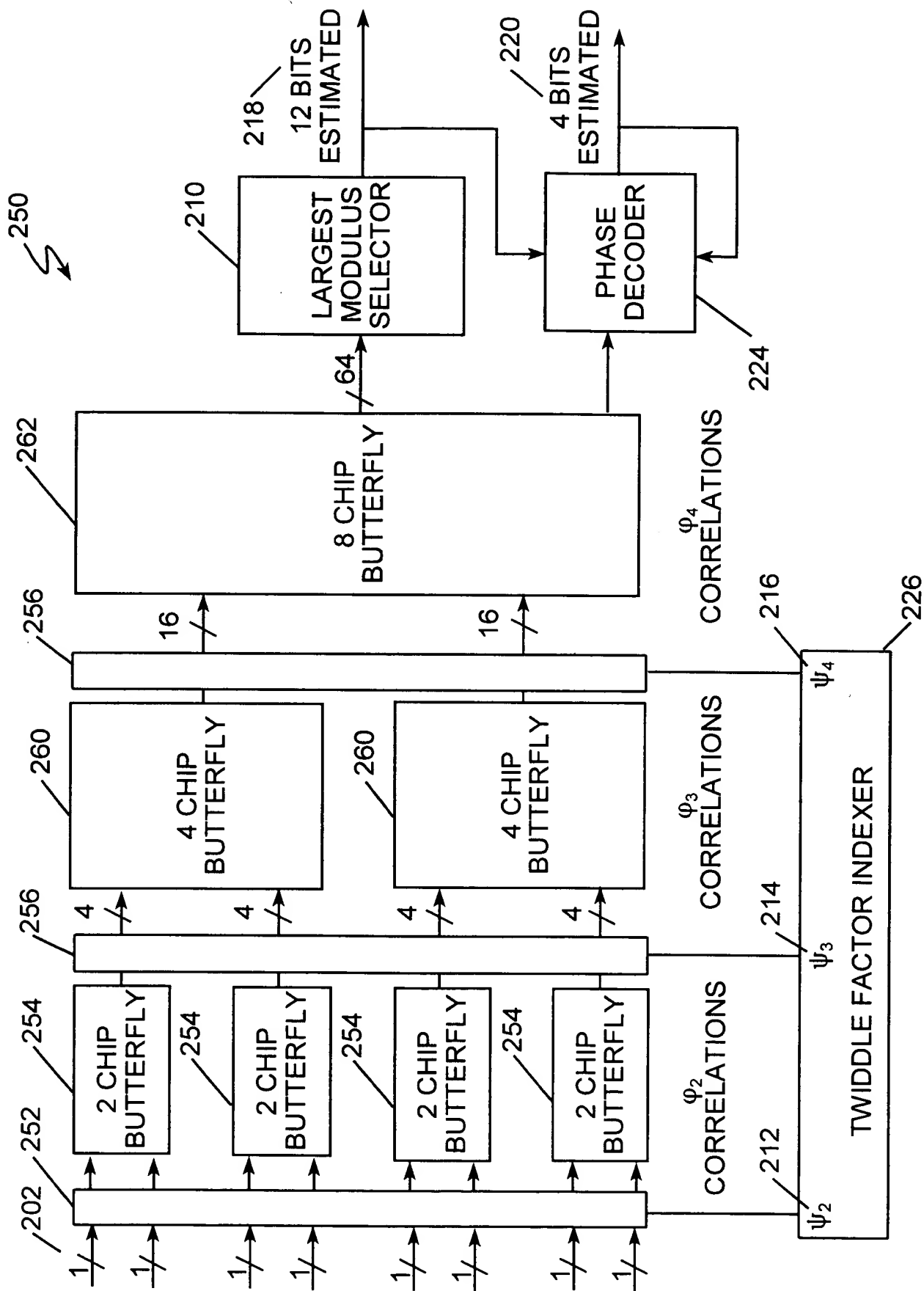


FIG. 10